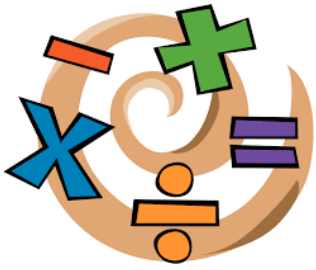
# Hello!

The Maths department have put together a selection of tasks for you to complete. Do what you can and don't worry if you get a bit stuck!

Don't forget that you can still work on Mathletics and there is also some online tasks and games on the school website.



# Maths - Pathway 3

## Task 1 - Problem Solving

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | + | - |
|---|---|---|---|---|---|---|---|---|---|---|---|

Using exactly five cards, how many ways can you make 12?
Record your results below.
Make your own rules about whether you can use a card twice or more in one number sentence.

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

# Task 2 - Multiplication & Division

If you know one multiplication fact you can quickly work out two division facts!

If you know that 5 x 2 = 10 then you can work out that:

10 ÷ 2 = 5 and 10 ÷ 5 = 2

Make two division sentences from these multiplication facts:

1. 7 x 2 = 14 ☐ ÷ ☐ = ☐ and ☐ ÷ ☐ = ☐

2. 10 x 5 = 50 ☐ ÷ ☐ = ☐ and ☐ ÷ ☐ = ☐

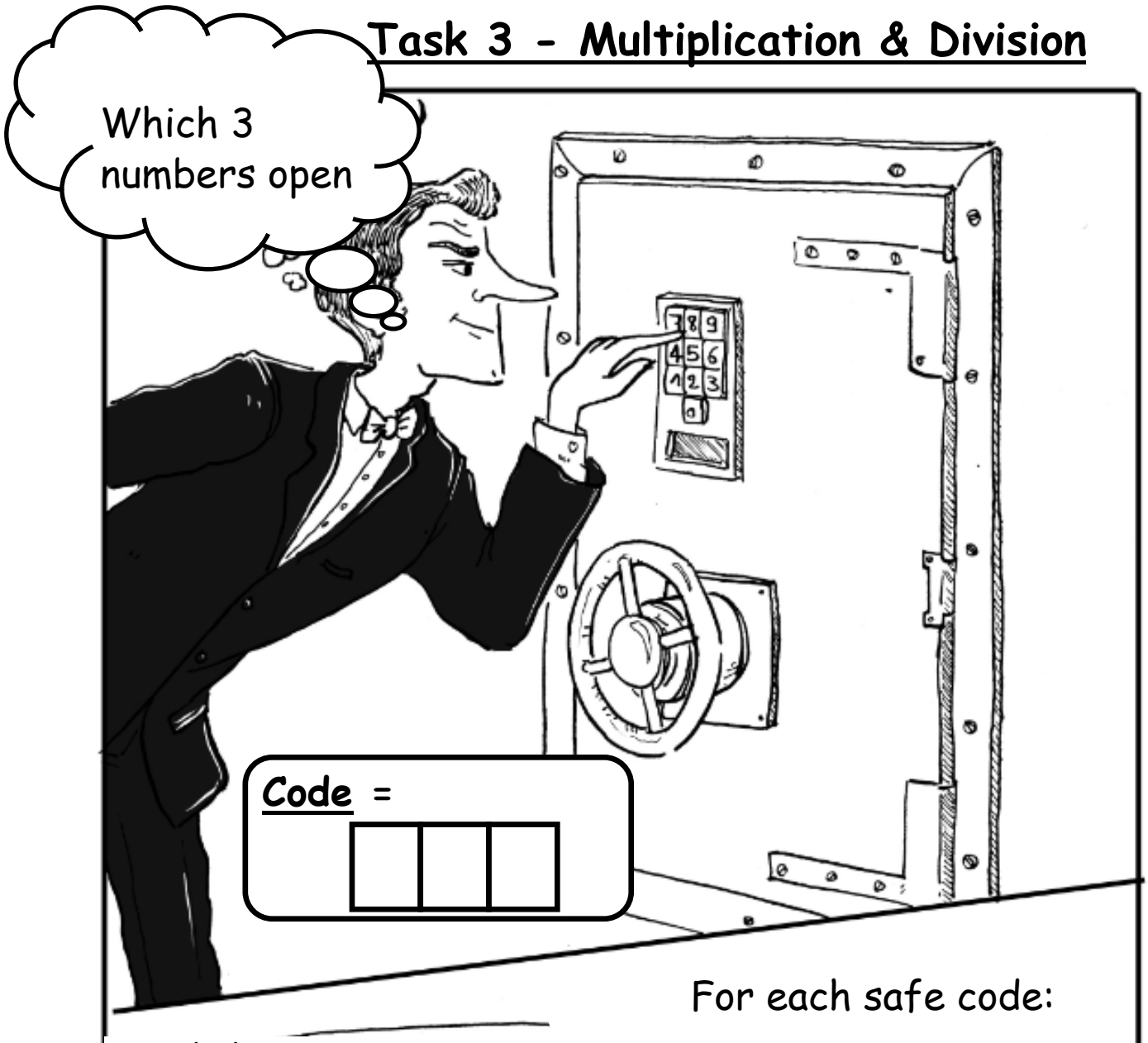
3. 7 x 5 = 35 ☐ ÷ ☐ = ☐ and ☐ ÷ ☐ = ☐

4. 4 x 3 = 12 ☐ ÷ ☐ = ☐ and ☐ ÷ ☐ = ☐

5. 6 x 3 = 18 ☐ ÷ ☐ = ☐ and ☐ ÷ ☐ = ☐

6. 2 x 9 = 18 ☐ ÷ ☐ = ☐ and ☐ ÷ ☐ = ☐

# Task 3 - Multiplication & Division




For each safe code:

Find the 4 missing numbers.

Add the 4 numbers together to find a total number for 1, 2 and 3.

Then add each of the totals together to reveal the code.

**Code 1**

36 + ? = 44

106 - 99 = ?

38 - ? = 21

? + 23 + 6 = 31

**Code 2**

27 ÷ 3 = ?

9 x ? = 54

? x 5 = 30

24 ÷ ? = 6

**Code 3**

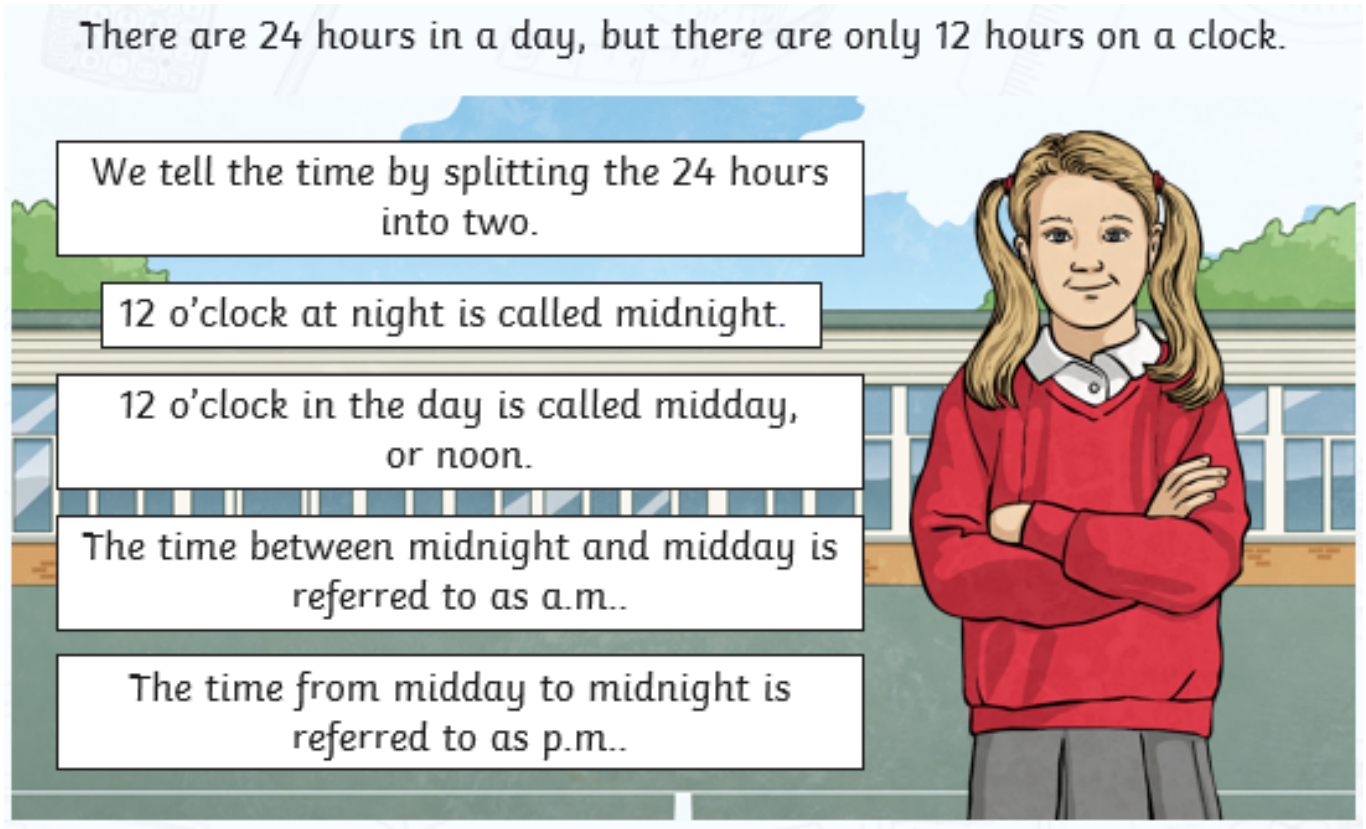
16 + ? + 7 = 28

? x 4 = 28

24 ÷ ? = 8

103 - ? = 95

# Task 4 - A.M or P.M?

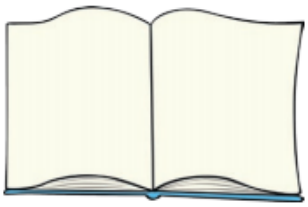



Read each statement below. Circle a.m. or p.m. to show the time of day for each event.

Jordan eats breakfast at 7:00 in the morning.

a.m. p.m.

Sarah does her homework every afternoon at 4:00.



a.m. p.m.

Brian sets the table for dinner every evening at 5:00.

a.m. p.m.

Beth arrives home from school at 3:00 each afternoon.

a.m. p.m.

Tommy plays in the park at 2:00 in the afternoon.

a.m. p.m.

Rosie watches the Saturday morning cartoons at 9:00

a.m. p.m.

Hunter plays soccer on Sunday morning at 11:00.

a.m. p.m.

Melissa caught the bus to school at 8:00 each morning.


a.m. p.m.

**Use a.m. or p.m. to write the correct digital time.**

| school starts | 9 o'clock | ***9:00 a.m.*** |
|---|---|---|
| maths | quarter past 9 | |
| reading | quarter past 10 | |
| playtime | half past 10 | |
| literacy | quarter to 11 | |
| lunch time | quarter past 12 | |
| P.E. | 1 o'clock | |
| history | quarter to 2 | |
| French | half past 2 | |
| home time | quarter past 3 | |

# Counting in 1000s

Complete the following sequences:

a) 1000 2000 3000 _____ 5000 _____

b) 9000 8000 _____ 6000 _____ 4000

c) _____ 5000 6000 7000 _____ 9000

d) 8000 _____ _____ 5000 4000 3000

e) 6000 _____ 8000 9000 _____ 11 000

f) _____ 11 000 10 000 _____ 8000 7000

g) 16 000 15 000 _____ 13 000 _____ 11 000

h) 19 000 _____ _____ 22 000 23 000 24 000

i) _____ _____ 27 000 28 000 29 000 30 000

j) 76 000 75 000 _____ _____ 72 000 71 000

---

**Challenge**: Can you count on in thousands from these numbers?

k) 187 000 _____ _____ _____ _____ _____ _____

l) 462 000 _____ _____ _____ _____ _____ _____

m) 698 000 _____ _____ _____ _____ _____ _____

Can you complete these?

n) _____ _____ 345 000 _____ _____ _____ _____

o) _____ _____ _____ _____ 501 000 _____ _____

p) _____ _____ _____ _____ _____ _____ 970 000

# Counting in 1000s Not From 0

Complete the following sequences:

a) 1013 2013 3013 _____ 5013 _____

b) 10 472 9472 _____ 7472 _____ 5472

c) _____ 5706 6706 7706 _____ 9706

d) 12 293 _____ _____ 9293 8293 7293

e) 6038 _____ 8038 9038 _____ 11 038

f) _____ 11 720 10 720 _____ 8720 7720

g) 26 671 25 671 _____ 23 671 _____ 21 671

h) 19 337 _____ _____ 22 337 23 337 24 337

i) _____ _____ 47 405 48 405 49 405 50 405

j) 66 049 65 049 _____ _____ 62 049 61 049

---

**Challenge**: can you count on in thousands from these numbers?

k) 104 892 _____ _____ _____ _____ _____ _____

l) 386 315 _____ _____ _____ _____ _____ _____

m) 740 012 _____ _____ _____ _____ _____ _____

Can you complete these?

n) _____ _____ 290 891 _____ _____ _____ _____

o) _____ _____ _____ _____ 601 098 _____ _____

p) _____ _____ _____ _____ _____ _____ 930 660

# Counting in 6,7 and 9

Complete the following sequences:

a) _____ 12 18 24 30 _____

b) 49 42 _____ 28 _____ 14

c) _____ 45 54 63 _____ 81

d) 90 _____ _____ 72 66 60

e) 56 _____ 70 77 _____ 91

f) _____ 126 120 _____ 108 102

g) 99 108 _____ 126 _____ 144

h) 112 _____ 126 133 140

i) _____ 180 186 192 198

j) 210 203 _____ 189 175

Continue the following sequences:

k) 35 41 47 ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

l) 2 11 20 ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

m) 40 47 54 ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

n) 100 106 112 ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

o) 99 106 113 ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

p) 300 291 282 ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

q) 172 166 160 ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

r) 31 40 49 ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

s) 86 79 72 ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

## Challenge

Choose a starting number and count in 6s, 7s and 9s from that number. What is the difference between each number you end up at? Can you explain why?

# Counting in 25s Worksheet

Aim – I can count in 25s from any given number.

Can you complete these sequences by counting in 25s?

1.

| | | | | |
|---|---|---|---|---|
| 0 | 25 | | | |

2.

| | | | | |
|---|---|---|---|---|
| 175 | | | 250 | |

3.

| | | | | |
|---|---|---|---|---|
| 550 | 575 | | | |

4.

| | | | | |
|---|---|---|---|---|
| | | | | 975 |

5.

| | | | | |
|---|---|---|---|---|
| | | 725 | | |

6.

| | | | | |
|---|---|---|---|---|
| 725 | | | | |

Look at these sequences which start from a number other than 0 but still go up in 25s. In each line one of the numbers is wrong. Can you circle it? The first one is done for you.

7. 55 (70) 105 130 155 180

8. 16 41 56 91 116 141

9. 115 140 165 190 212 240

10. 499 524 549 574 594 624

11. 879 904 939 954 979 1004

12. 1042 1076 1101 1126 1151 1176